

WHAT IS CLAIMED IS:

- 1 1. A method for producing a mosaic with a generally planar surface
2 comprising the steps of:
3 providing a base substrate having a first side and a second side,
4 wherein the base substrate has a height;
5 providing at least one additional substrate having a first side and a
6 second side, wherein the at least one additional substrate has a height, and wherein
7 the at least one additional substrate is in the shape of a portion of the mosaic that
8 will contain a more detailed portion of the mosaic;
9 affixing the second side of the at least one additional substrate to the
10 first side of the base substrate in an area of the mosaic that will contain a more
11 detailed portion of the mosaic;
12 affixing relatively thicker pieces of tesserae to the first side of the
13 base substrate; and
14 affixing relatively thinner pieces of tesserae to the first side of the at
15 least one additional substrate.
- 1 2. The method of claim 1, wherein each of the relatively thinner pieces
2 of tesserae have a height of approximately 1/8 inch.
- 1 3. The method of claim 1, wherein each of the relatively thicker pieces
2 of tesserae have a height of approximately 3/8 inch.
- 1 4. The method of claim 1, wherein each of the relatively thinner pieces
2 of tesserae have a height of approximately 3/8 inch, and wherein each of the
3 relatively thicker pieces of tesserae have a height of approximately 3/4 inch.
- 1 5. The method of claim 1, wherein the tesserae comprises various size
2 pieces of terra cotta, glass, marble, or stone.
- 1 6. The method of claim 1, wherein the base substrate comprises a
2 material with a coefficient of expansion substantially similar to the coefficient of
3 expansion of the tesserae.
- 1 7. The method of claim 1, wherein the additional substrate comprises a
2 material with a coefficient of expansion substantially similar to the coefficient of
3 expansion of the tesserae.
- 1 8. The method of claim 1, wherein the tesserae is affixed to the base
2 substrate and the additional substrate via an adhesive.

- 1 9. The method of claim 1, wherein the tesserae is affixed to the base
2 substrate and the additional substrate via a mortar.
- 1 10. The method of claim 1, wherein the additional substrate is affixed to
2 the base substrate via an adhesive.
- 1 11. A method for producing a mosaic with a generally planar surface
2 comprising the steps of:
3 providing a base substrate having a first side and a second side,
4 wherein the base substrate has at least one elevated portion, wherein a top surface of
5 the elevated portion has a generally planar surface, and wherein the at least one
6 elevated portion is in the shape of a portion of the mosaic that will contain a more
7 detailed portion of the mosaic; and
8 affixing relatively thicker pieces of tesserae to the first side of the
9 base substrate; and
10 affixing relatively thinner pieces of tesserae to the top surface of the
11 at least one elevated portion of the base substrate.
- 1 12. The method of claim 11, wherein each of the relatively thinner pieces
2 of tesserae have a height of approximately 1/8 inch.
- 1 13. The method of claim 11, wherein each of the relatively thicker pieces
2 of tesserae have a height of approximately 3/8 inch.
- 1 14. The method of claim 11, wherein each of the relatively thinner pieces
2 of tesserae have a height of approximately 3/8 inch, and wherein each of the
3 relatively thicker pieces of tesserae have a height of approximately 3/4 inch.
- 1 15. The method of claim 11, wherein the tesserae comprises various size
2 pieces of terra cotta, glass, marble, or stone.
- 1 16. The method of claim 11, wherein the base substrate comprises a
2 material with a coefficient of expansion substantially similar to the coefficient of
3 expansion of the tesserae.